



- GENERAL LANDSCAPING NOTES ALL SHEETS**
- 1. ALL CONTRACTORS WISHING TO SUBMIT BIDS FOR THIS LANDSCAPING PROJECT SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL CONDITIONS.
 - 2. PROTECT THE IMPROVEMENTS ON SITE AND ON THE ADJACENT PROPERTIES. PROVIDE BARRICADES, COVERINGS OR OTHER TYPE OF PROTECTION AS NECESSARY TO PREVENT DAMAGE AND TO SAFEGUARD AGAINST INJURY TO EXISTING UTILITIES.
 - 3. DAMAGE THAT OCCURS TO PLANTS DURING TRANSPORTATION AND INSTALLATION WILL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR.
 - 4. ALL PLANTING BEDS SHALL BE INSTALLED WITH 3" OF 2" CRUSHED ROCK MULCH, LANDSCAPE FABRIC WITH A MINIMUM WEIGHT OF 4 OZ./SY, AND WHERE NECESSARY, 6" COMMERCIAL GRADE BLACK PLASTIC EDGING TO CONTAIN THE PLANTING BED.
 - 5. ALL LANDSCAPE PLANTINGS ARE TO BE WATERED BY THE LANDSCAPE CONTRACTOR THE SAME DAY THAT THE PLANTING OCCURS. IF WATER IS NOT AVAILABLE AT THE BUILDING, THE LANDSCAPE CONTRACTOR SHALL PROVIDE ALTERNATIVE METHODS FOR WATERING.
 - 6. SOLITARY TREES DO NOT NEED TO BE EDGED AROUND, HOWEVER ORGANIC WOOD MULCH SHALL BE PLACED AROUND THE TREE IN A MUFFLE RING THAT CONFORMS TO THE DETAIL PROVIDED FOR TREE PLANTINGS.
 - 7. CONTRACTOR SHALL PROVIDE WRITTEN WARRANTIES CONFIRMING THE FOLLOWING:
 - FURNISHED TREES GUARANTEED TO LIVE AND REMAIN STRONG, VIGOROUS, AND HEALTHY CONDITION FOR 365 DAYS MINIMUM FROM DATE LANDSCAPE INSTALLATION IS ACCEPTED AS COMPLETED.
 - 8. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING AND CARING FOR ALL PLANT MATERIAL, AND OTHER LANDSCAPING IMPROVEMENTS UNTIL THE DATE OF FINAL INSPECTION AND APPROVAL.

- LEGEND**
- EXISTING HYDRANT
 - EXISTING FENCE
 - EXISTING ASPHALT
 - EXISTING CONCRETE
 - EXISTING GRAVEL
 - EXISTING RIPRAP
 - EXISTING RETAINING WALL
 - EXISTING CONTOUR
 - EXISTING GRADE
 - EXISTING BOLLARD
 - EXISTING BRIDGE COLUMN
 - EXISTING SIGN
 - EXISTING GUARDRAIL
 - PROPOSED SANITARY SEWER
 - PROPOSED WATERMAIN
 - PROPOSED CONCRETE
 - PROPOSED ASPHALT
 - PROPOSED GRAVEL
 - PROPOSED CONTOUR
 - PROPOSED GRADE

PLANT PALETTE

SYM.	COMMON NAME	SCIENTIFIC NAME	SIZE	QTY.
AM	AMUR MAPLE	Acer glabrum	1-1/2" Cal.	6
HL	THORNLESS HONEYLOCUST	Gleditsia triacanthos	2" Cal.	4
LL	LITTLELEAF LINDEN	Tilia cordata	2" Cal.	6
DC	DIWARF GLOBE SPRUCE	Picea pungens 'Globosa'	2 Gallon	28
DN	DIABLO NINEBARK	Physocarpus opulifolius 'Nanum'	2 Gallon	4
DS	DAKOTA GOLDCHARM SPIREA	Spiraea japonica 'Moyen'	2 Gallon	31
MC	MAGIC CARPET SPIREA	Spiraea japonica 'Moyen'	2 Gallon	29
SV	SAVAN JUNIPER	Juniperus sabina	2 Gallon	25
K	KARL FOERSTER GRASS	Calamagrostis x acutiflora	1 Gallon	15

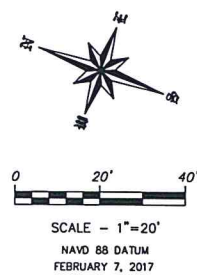
LANDSCAPING REQUIREMENTS

REQUIRED INTERIOR LANDSCAPING:
1450 SF
22 SHRUBS
8 SHADE TREES

PROVIDED INTERIOR LANDSCAPING:
1720 SF
22 SHRUBS
8 SHADE TREES

REQUIRED PERIMETER PARKING:
WIDTH 10 FEET
10 TREES
100 SHRUBS

PROVIDED PERIMETER PARKING:
WIDTH 10 FEET
8 TREES
110 SHRUBS



SAFETY NOTICE TO CONTRACTOR

In accordance with generally accepted construction practices the contractor will be solely and completely responsible for conditions of the job site, including safety of all persons and property during performance of the work. This requirement will apply continuously and not be limited to normal business hours.

WARRANTY / DISCLAIMER

The designs represented in these plans are in accordance with established practices of civil engineering. However, neither Swenson, Hagen & Company P.C. nor its personnel can or do warrant these plans as constructed actual in the specific cases where Swenson, Hagen & Company P.C. personnel inspect and control the physical construction on a full time basis.

NOTICE TO CONTRACTOR

The location of existing underground utilities are shown in an approximate way only and have not been independently verified by the owner or its representatives. The Contractor shall determine the exact location of all existing utilities before commencing work, and agree to be fully responsible for any and all damages which might be occasioned by the Contractor's failure to locate and preserve any and all underground utilities.

Copyright © 2017 by Swenson, Hagen & Co.
All rights reserved. No part of this drawing may be used or reproduced in any form or by any means without the express written permission of Swenson, Hagen & Co.

CALL BEFORE YOU DIG
NORTH DAKOTA
UTILITIES UNDERGROUND LOCATION SERVICE
1-800-795-0555

APPROVED BY PLANNING
[Signature]
DATE 5-17-18
TITLE

APPROVED BY FORESTRY
[Signature]
DATE 5-17-18
TITLE

REVISIONS

REVISIONS	DATE
REVISIONS PER CITY COMMENTS	4/27/2017
REVISIONS PER CITY COMMENTS	5/10/2017
ADDED BOLLARDS AROUND BRIDGE PIERS	5/3/2018

LANDSCAPE PLAN
PORT OF BISMARCK
BISMARCK, NORTH DAKOTA

SWENSON, HAGEN & COMPANY P.C.
3809 Basin Avenue
Bismarck, North Dakota 58501
Phone: (701) 227-2200
Fax: (701) 227-2006
www.swensonhagen.com

SWENSON, HAGEN & COMPANY P.C.
Surveying
Hydrology
Land Use Planning
Civil Engineering
Landscape & Site Design
Construction Management

PH

DRAWN BY: SK, TR
CHECK BY: JP
DATE: 2-7-17
FILE DESC:
COMPUTER FILE:
P:\Bismarck\Port of Bismarck Site Plan.dwg

SHEET C3.0